

CMS Simulation (LHE) 13 TeV

$pp \rightarrow h \rightarrow 2n_1 \rightarrow 2n_D + 2\gamma_D \rightarrow 2n_D + 4\mu$
 $m_h = 125 \text{ GeV}, m_{n_1} = 10 \text{ GeV}, m_{n_D} = 1 \text{ GeV}$
 $m_{\gamma_D} = 0.25 \text{ GeV}, c\tau_{\gamma_D} = 0.5 \text{ mm}$

$$\frac{e^{-x/0.5}}{0.5 (1 - e^{-2.5/0.5})}$$

